

ABSTRACT

A cooling circuit through which coolant flows, for use with a refrigerated cabinet. The cooling circuit includes a compressor and a condenser with a flow path extending there between. The cooling circuit also includes an evaporator and a second flow path that extends between the evaporator and the condenser. The cooling circuit additionally includes a suction accumulator and a flow path extending between the evaporator and the suction accumulator, while a fourth flow path extends between the suction accumulator and the compressor. The cooling circuit also includes a coolant bypass and a switch that switches the cooling circuit between a cycling mode and a non-cycling mode.